

What is claimed is:

1 1. In a material for a heat-resistant protection layer and
constituting one of a plurality of components of a phase variation
type recording medium, at least one compound having a thermal
conductivity of higher than 10 W/m.deg inclusive in a bulk state is
5 contained.

1 2. A material as claimed in claim 1, wherein said at least
one compound is selected from a group consisting of zinc oxide,
aluminum oxide, titanium oxide, magnesium oxide, yttrium oxide,
gallium nitride, silicon nitride, aluminum nitride, and silicon
5 carbide.

1 3. A material as claimed in claim 1, wherein said at least
one compound comprises a combination of zinc oxide, aluminum
oxide, titanium oxide, magnesium oxide, yttrium oxide, gallium
nitride, silicon nitride, aluminum nitride and/or silicon carbide,
5 and silicon oxide.

1 4. In an optical data recording medium comprising a
substrate and a heat-resistant protection layer, a recording layer
and a reflective heat radiation layer sequentially stacked on said
substrate, said recording layer mainly consists of Ag, In, Sb and Te,
5 and said heat-resistant protection layer contains at least one
compound having a thermal conductivity of higher than 10
W/m.deg inclusive in a bulk state.

1 5. A material as claimed in claim 4, wherein said at least

one compound is selected from a group consisting of zinc oxide, aluminum oxide, titanium oxide, magnesium oxide, yttrium oxide, gallium nitride, silicon nitride, aluminum nitride, and silicon carbide.

6. A material as claimed in claim 4, wherein said at least one compound comprises a combination of zinc oxide, aluminum oxide, titanium oxide, magnesium oxide, yttrium oxide, gallium nitride, silicon nitride, aluminum nitride and/or silicon carbide, and silicon oxide.

102440-44493360

Add
B1
C1